

PROJECTED WORKS.—Advertisements have appeared in the current newspapers for contract-tenders for the various works to be done in the erection of the new town hall at Doncaster; in the erection of two villas near Southampton; and in the construction of a stone pier half a mile long, and other works of a new harbour, at St. Helier's, Jersey; also for the whole of the works on 10½ miles of the Wakefield and Goole, 11 miles of the North British, 19 miles of the Malton and Driffield, 16 miles of the Belfast and county Down, and 10 miles of the Stirling and Dunfermline, lines of railway; and for earthwork and masonry of two contracts on the North Western; larch sleepers for same line; and hackmatack, pine, or hemlock sleepers to be shipped abroad; also for repair of roads in Staffordshire; for lighting Writtlesey with gas; and for 60 cast iron lamp-posts, and as many lanterns, for Wavertree, Liverpool.

RUTTER'S LIGHT.—The *Art-Union Journal*, of the present month, in describing Mr. Rutter's "Ventilating Light" says, "through the body of this, the whole of the heated air, vapour, and other products of combustion ascend to the ceiling, and are thence conveyed by a suitable pipe, laid between the ceiling and floor, to a chimney or the open air, as may be most convenient." Now, some months ago we caused one of these lights to be fitted up by the patentee's manufacturer, in a position where the pipe could not be taken into a flue, but came into the air under a verandah; and notwithstanding the end of the pipe was protected by a cowl, and that other expedients were resorted to, to prevent down draft, the result was a failure. We think it right therefore to caution our readers against committing a similar mistake.

CELLARS UNDER NEW BUILDINGS ACT.—At Bow-street, the first case of the sort under 7 & 8 Vict., cap. 51, sec. 53, occurred in course of last week, when a lodging-house keeper was brought before the court on a summons charging him with unlawfully suffering a certain cellar in his house, the same being a dwelling-house, to be occupied as a dwelling, to which he pleaded guilty, but that he received no rent. The case was discharged on payment of costs, as the authorities had interfered in his favour. The apartment in question was a stone cellar without any window to admit light or air. Another cellar of a like order was also discovered with a family dwelling in it. The inhabitants were removed to the work-house. It ought to be generally known that in such cases householders render themselves liable to a penalty of 20s. a day, which the authorities are determined to enforce.

DWELLINGS FOR THE LABOURING CLASSES IN AUSTRIA.—[*Audiat et altera pars*]. A society having been formed at Prague for the providing the above with cheap and salubrious dwellings, the police have kept the petition for the formation of the society eighteen months, without replying to it. Still, the necessity for such houses increases every day, as the embellishing Commission (*Verschönerungs Commission*) is only intent on pulling down in different parts of the city, and replacing them by fine or elegant, and consequently expensive buildings; so much so, that while the spaces and accommodation for the higher and middle classes are constantly increasing, the labouring population is completely out-elbowed of their very existence and habitations.

LIBERAL ACT OF A MANUFACTURER OF IRON IN FRANCE.—The condition of the working classes is attracting the attention of masters in France—amongst whom the plan of Mr. Talabat, *maître des forges* at Saint-du-Labat (Tarn), is worthy of remark. Mr. T. has resolved on idealizing the hitherto truck system of masters, and to furnish his workmen with meat, bread, wine, and all other necessities, at cost prices. By so doing, Mr. Talabat loses every year 4,000 francs (160*l.*), but says, in his *compte-rendu*, that this loss has been largely balanced "by the material and moral amelioration of his workmen."

PUBLIC OVENS.—It is said that a company is about to be formed for the erection of public ovens on the same principle as the baths and washhouses. The labouring poor will then be enabled to make their own bread, of whatever quality their means will permit; as pans and other requisites will be provided, and the baking performed at a very trifling expense.

MEETINGS OF SCIENTIFIC BODIES

During the ensuing Week.

MONDAY, Jan. 11th.—Royal Institute of British Architects, 16, Grosvenor-square, 8 P.M.

TUESDAY, 12th.—Institution of Civil Engineers, 25, Great George-street, 8 P.M.; Anglo-Egyptian Society, 71, Moirame-street, Cavendish-square, 7½ P.M.; Freemasons of the Church, 3, Great Newport-street, 8 P.M.

WEDNESDAY, 13th.—Society of Arts, Adelphi, 8 P.M.; Graphic Society, Thatched House Tavern, 8 P.M.

THURSDAY, 14th.—Royal Society, Somerset House, 8½ P.M.; Society of Antiquaries, Somerset House, 8 P.M.

TO CORRESPONDENTS.

"G. H."—We will not fail to return free the drawings if sent.

"J. H."—A license is necessary for valuing artificers' work. A builder does not need one for his own bills.

"W. H. H."—The early volumes, we are sorry to say, are out of print. Immediate application would be necessary for that of last year.

"Cane-Work."—A correspondent wishes to know how best to clean the cane-work of old furniture. He says, "I have tried strong solutions of vitriol and water, and the antipodes—soda and water, but without avail, the said cane-work pertinaciously persisting in its nasty, dirty, yellow aspect."

Received—"T. G.," "Observer," "S. S. W.," "G. T.," "Bath," "J. B.," "M. I." (Bristol), "J. K."

Books Received.—"Memoirs of Benvenuto Cellini," translated by Thomas Roscoe. (H. G. Bohn, York-street.)

"The High Pressure Steam Engine Investigated," by Dr. F. Alban, translated by W. Pole, F.R.S. (Weale, Holborn. Parts I. & II.) "The Man in the Moon," No. 1, edited by Albert Smith and Angus Reach. (All thanks to those who make us laugh without bad feelings.) People's edition of Part I. of Hady's "Messiah" and "Creation."

"Books and Addresses."—We have not time to point out books or find addresses.

* Correspondents are requested to address all Communications to the Editor, 2, York-street, Covent-garden.

TO PROVINCIAL READERS.—In reply to complaints of the irregular delivery of *THE BUILDER* in provincial towns, we beg leave to state that it is invariably published by seven o'clock on Friday morning; and that the irregularity complained of rests entirely with the parties through whom it is obtained.

ADVERTISEMENTS.

FILTERED WATER.—As the rainy season produces its dirty water, JULIAN DAY, proprietor of the facilities system of filtration, the only one known by which large quantities of fluids are easily filtered, begs to announce that he continues to supply these apparatus, which are daily applied to domestic and water-lutes, and when fixed require no care or attention from servants, and never get out of order. The prices are from Two to Four guineas, according to the size of the apparatus; for brewers, distillers, paper makers, hospitals, and large establishments, to an unlimited quantity, the prices varying according to the nature of the water. Lovers Lane, Rotherhithe; Office, 21, Goudulf-street, Bow-street.



H. MORRELL'S FINE PREPARED DRAWING PENCILS.—Under the patronage of her Majesty, the Hon. Secretary of the Honourable Board of Ordnance, and the Honourable East India Company. The attention of Artists and the Public generally is respectfully solicited to these BLACK LEAD PENCILS, which are prepared perfectly free from grit of every variety of shade, and possess all the requisites for the most highly finished drawing. Sold wholesale at the Manufactory, No. 149, Fleet-street, London, and may be had retail of all the principal Booksellers and Stationers in Town and Country.



THE BIRMINGHAM PATENT IRON TUBE COMPANY.—At Cambridge-street, Birmingham, and Smithwick, Staffordshire, manufacture Tubes under an exclusive License from Mr. Richard Prouse, the Patrons. These Tubes are now very extensively used in the Builders of Marine and Locomotive Steam Engines in England and on the Continent, are stronger, lighter, cheaper, and more durable than those of Copper Tubes, and are thus supplied, adapted for church or library stumps, altar rails, picture frames, chimney-pieces, and every description of Gothic or Elizabethan furniture. Specimens may be seen and drawings obtained at the Patent Wood Carving Works, 64, West Street; or at the Works, Manchester-road, Thame.

DECORATIONS IN WOOD.—The unrivalled perfection of length attained by the patent process of carving, enables us to provide to the public, at an extremely reduced price, every possible variety of carved wood for exterior and interior ornament, thus substituting the genuine material for those numerous imitations which have hitherto been found fragile or unsatisfactory. Mouldings and carvings of all kinds are thus supplied, adapted for church or library stumps, altar rails, picture frames, chimney-pieces, and every description of Gothic or Elizabethan furniture. Specimens may be seen and drawings obtained at the Patent Wood Carving Works, 64, West Street; or at the Works, Manchester-road, Thame.

ARCHITECTURAL ENRICHMENTS.

BIRKENHEAD IMPROVED PAPIER MACHE. which has been almost universally adopted for architectural decorations, has been patronized by Her Majesty, by the Hon. Commissioners of the Board of Works, by the highest of the Nobility and Gentry, and by the most eminent architects of the day. It has been used at the Royal Palace, at the present House of Lords, at Dublin Castle, at Drury Lodge, the new Conservative Club-house, at Grosvenor Hall, &c., also at the British Museum, and Park House, &c., where it has been extensively used for some years, and an inspection will sufficiently establish its superiority over every other kind of composition, both for beauty and durability. Designs prepared for the decoration of ceilings, purling of walls, &c. A volume of enrichments, containing more than 100 designs of the popular marble ornaments, with a list of prices. Price 1*l.*—Works, 15, Wellington-street, North, Strand.

PAVING, 2s. 9d. PER SQUARE YARD.

Flasements, Foot-walks, Malt-houses, Corn Stores, Floors of Warehouses, and every description of Pavement laid down at the above low price, and the work guaranteed—Apply to JOHN PILL-KINGTON, POLYCARBON'S PATENT PAVING OF PILL-KINGTON, 13, WHARF-ROAD, CITY-ROAD, N.B. Country Agents and Builders, Engineers and Contractors supplied with the best materials for covering bridges and arches.

TO ENGINEERS AND ARCHITECTS. And as an Elegant Present to a Lady, as well as a most Convenient Pocket Appendage.

TO all those who find a Difficulty in the Use of STEEL PENNS, and who wish to avoid the loss of time occasioned by the frequent mending of Quills, STEPHENS' PERPETUAL PEN, made of Gold, with Points which never wear or alter, offers a most convenient substitute, so that, which oxydizes and blisters in the steel pen, flows from this with perfectly the same facility as from a Quill, and the Pen never requires mending. Price 1*l.* It may be used with a common holder. With an even pointed Silver Pen-nail Case, with London, &c. Sold by the proprietor, HENRY STEPHENS, 54, Strand-street, Blackfriars-road, London. On application, by letter, this Pen will be sent, per post, to any part of the Kingdom.

CAEN STIFFERANCE WHARF, ROTHERHITHE.

LUARD AND BEEDHAM beg to inform Architects, Surveyors, Builders, and others, that they have removed from Norway Wharf, Greenwich, the whole of their Caen Stone business, to the above extensive premises, where a large Stock will be kept, and the most difficult arrivals from their quarries at Allencourt. Orders received at the wharf, and further particulars may be obtained of Mr. GEORGE GATES, 12, South-west-square, Borough, London. Orders shipped direct from Caen to any port. The Waterman Steamboats call at Lavender-pier, adjoining Caen Wharf.

PINKLO MARBLE AND STONE WORKS, BELGRAVE WHARF, PINKLO-ROAD.

SAMUEL CUNDY begs to inform Architects and others, that GOTHIC WINDOWS, and every other branch of Stone-work, &c., are executed at the cheapest possible rate, and packed for the country ready for fixing or being made. ARCHITECTS will have the most difficult arrivals from their quarries at Allencourt. Orders received at the wharf, and further particulars may be obtained of Mr. GEORGE GATES, 12, South-west-square, Borough, London. Orders shipped direct from Caen to any port. The Waterman Steamboats call at Lavender-pier, adjoining Caen Wharf.

PORTLAND-CEMENT DOES NOT VEGETATE

in damp situations, requires no colouring, is perfectly by durable, and resists the action of frost. The price is now considerably reduced, and the public are thereby enabled to avail themselves of these distinct advantages. Manufactured by J. & W. HILL & SONS, of Millbank-street, Westminster; and sold at their warehouses—Earl-street, Blackfriars; Drury's Wharf, Chelsea; Bell's Wharf, Finsbury; and Albion Wharf, Deptford-bridge; at Seal-street, Liverpool; and Salmon and Co's Dublin.

KEENE'S PATENT MARBLE CEMENT

forms an exceedingly hard and indestructible stone, which may either be prepared for paint, or finished in imitation of marble. It is a cheap and efficient substitute in place of wood for skirting, architrave, and other mouldings. In its application for which purpose it exceeds the progress of fire and the action of acids. It is a cheap and efficient substitute in place of wood for skirting, architrave, and other mouldings. In its application for which purpose it exceeds the progress of fire and the action of acids. It is a cheap and efficient substitute in place of wood for skirting, architrave, and other mouldings. In its application for which purpose it exceeds the progress of fire and the action of acids.

MARTIN'S FIRE-PROOF AND ORNAMENTAL CEMENT.

CAUTION.—Messrs. STEVENS AND SON.

Patentees, beg to caution their friends and the trade generally against confounding this invaluable Cement with others, erroneously said to be of the same description. A and S. pledge themselves that MARTIN'S CEMENT is totally different in composition and manufacture from every other, and being a neutral compound, is not only free from chemical action upon any substance with which it may come in contact, but completely resists the action of the strongest acids. They feel it a duty to direct attention to the following properties, which are exclusively possessed by—
1. It rapidly acquires the hardness of stone.
2. Unlike other internal cements, its hardness is uniform throughout its entire thickness.
3. Its surface, which may be made equal to that of the finest marble, NEVER THROWS OUT ANY SALT, and will receive paint in four days, without peeling, when put upon dry work.
It is peculiarly adapted as an internal cure for walls, skirtings, architraves, mouldings, and masonry of all kinds, to all of which purposes it has been extensively applied by Mr. Thomas Cubitt, on the Grosvenor estate, &c.
For the above purposes, it possesses great advantages over wood, being more economical and durable, resisting fire, damp, and vermin.
For the floors of halls and fire-proof warehouses, its lightness, durability, and uniform surface give it an immense advantage over stone, being, at the same time, much more economical. In every satisfactory reference can be given. To be had of the Patentees, Messrs. STEVENS AND SON, 10, Abchurch-lane, London. Agents for Liverpool and Manchester, Mr. R. PART, 20, Canal-place, Liverpool.

TO ARCHITECTS, ENGINEERS, CONTRACTORS, BUILDERS, MASON, AND PLASTERERS, MERCHANTS, SHIPBUILDERS, AND THE PUBLIC IN GENERAL.

JOHN'S AND CO'S PATENT STUCCO

CEMENT.—The following are the positive advantages possessed by this invention over every Cement hitherto introduced:—It will effectually resist damp. It will never separate, blister, or turn rotten, nor otherwise deteriorate. It will never crack, blister, or peel off. It will form a complete skin upon any Building covered with it. It is so clearly resistant to stone that it is impossible to detect it. It never requires either to be painted or coloured. It will keep fresh and good in the case, in any climate, for any number of years. It is the only Cement that can be depended upon for the sea-side. It may be used in the hottest or coldest climates at any season. It will adhere to any substance, even to Wood, Iron, or Glass. It will carry a larger Proportion of Water than any other Cement. It matures by age, and becomes perfect when other cements begin to perish. It may be worked through the Winter, as frost has no effect upon it. It may be used on the fitter Walls of a building, and may be laid on the same day as the foundation is laid or pointed with this Cement will remain undamaged by the severest Storms. Any Plasterer may apply it, the instructions for its use being very clear and distinct. The first cost of this material does not exceed that of the cheapest Cement now in use, and with all the above-mentioned extraordinary and valuable advantages, nothing can approach it in point of economy.

Architects and Builders who have used this Cement have declared that it is not only to be trusted, but is an absolutely perfect material, and its mode of application, together with a volume of Testimonials from every part of the Kingdom, may be obtained on application at the office of The Builders and of MESSRS. JOHN'S AND CO'S PATENT STUCCO CEMENT, 10, Abchurch-lane, London, or of their Agents, Messrs. STEVENS AND SON, 10, Abchurch-lane, London.

JOHN'S AND CO'S PATENT STONE COLOUR STUCCO CEMENT.—This is intended for imitating over exterior of Houses that have been covered with Roman or other Cements, and which have become dirty and discoloured. It is in every way better suited for this purpose than White Lead Paint, which will be found to be a mere waste of money, and which is not only a nuisance, but a danger to the health. Where MESSRS. JOHN'S AND CO'S PATENT STUCCO CEMENT is used for this purpose, it is not only a nuisance, but a danger to the health. Where MESSRS. JOHN'S AND CO'S PATENT STUCCO CEMENT is used for this purpose, it is not only a nuisance, but a danger to the health.